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THE ROMANTIC AND HISTORIC BACKGROUND OF AGRICULTURE AND PLANT STUDY

NON-CIRCULATING BOOK

APRIL
NINETEEN TWENTY-ONE

RIVERSIDE PUBLIC LIBRARY
CALIFORNIA
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THE ROMANTIC AND HISTORIC BACKGROUND OF AGRICULTURE AND PLANT STUDY

Compiled by
CAROLINE HUBBARD BAILEY
In the Riverside Library Service School

APRIL
NINETEEN TWENTY-ONE

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Preface

One of the fundamental instincts of mankind is a love of the land and of the living things which spring from it. Its earliest manifestation, perhaps, is a baby's insatiable taste for earth, and through varying phases the yearning keeps pace with the baby's development. Often he is unconscious of it until some chance discovers to him the joy of working with his hands to make the earth to yield her increase.

Men of all ages have recognized this; their love for good green growing things comes down to us through all the records of human progress, whether pictured or written; pagan and Christian, they worshipped the Maker of the world, and delighted in forwarding His purpose to make it beautiful and productive.

The books written by garden and farm makers of the seventeenth, eighteenth, and early nineteenth centuries are full of joyous enthusiasms. These volumes in their worn old bindings, many of them annotated by owners dead for hundreds of years, are filled with Biblical allusions and quotations from the writings of the ancients. The quaint and often, to us, stiltedly expressed phrases carry very vivid impressions of the personalities and intellects behind them, and today many of these great books are used for reference, so valuable is the laboriously gathered material contained in them.

This bibliography, which is made up exclusively of material to be found among the rare works on agricultural and botanical subjects in the collection of the Riverside Public Library, makes no claim to completeness. On the other hand, a few modern works, which seemed of particular interest or not likely to be found on the shelves of the general library, have been included. A delightful precedent for any lack of system, or excessive enthusiasm over certain details on the part of the compiler, may be found in the pages of almost any one of the seventeenth century authors noted.

The helpful interest of Mr. Joseph F. Daniels, under whose librarianship the collection has been made, and an increasingly intimate acquaintance with the charming old-time volumes of which it is composed, have rendered the compilation a pleasure rather than an inescapable task.

CAROLINE HUBBARD BAILEY.

Riverside, California.
Dec. 10, 1919.

CITRUS CULTURE

"Connais-tu le pays ou fleurit l'orange?"

Alderton, George E.

Treatise and handbook of orange-culture in Auckland, New Zealand, Wellington, 1884. Govt. printer vii & 73 p. front. 22cm. cl.

Addendum gives analysis of soil suitable for orange culture. Author disapproves of planting orange trees in holes.

Aliño, Bernardo Giser

Tratado completo del naranjo con un apendice sobre el limonero, cidro, bergamoto y limetero.

Valencia 1893 Aguilar xiii & 276 p. illus. col. pl. 23½ cm. cl.

Good colored plates. Illustrations of primitive Spanish irrigation methods.

Bonavia, Emanuel

The cultivated oranges and lemons etc. of India and Ceylon with researches into their origin and the derivation of their names, and other useful information.

London, 1888. W. H. Allen & co. xix & 365 p. 23 cm. cl. Vol. of plates, same 1890. 19½cm.

Anglo-Indian glossary and index. Vol. of 259 plates has descriptive text.

Ferrarius, John Baptist

Hesperides; sive, De malorum aureorum cultura et usu libri quatuor. Io: Baptistae Ferrarii senensis e societate Iesu.

Romae, 1646. Sumptibus Hermanni Scheus. 480 p. incl. plates. & index (14) 36 cm. ¾ lea. In four books.

Hesperides.

Added title page at end. Very fine full-page engravings including one of the quest of the Apples of the Hesperides and Hercules' adventures with their custodians. Books 2, 3, and 4 deal with the culture and use of many varieties of the "golden apples."

This is the oldest known book on the citrus fruit. In Lelong's Culture of the citrus in California an illustration,—evidently that used in this work originally,—is referred to as the first picture of the navel orange on record. It appeared in John Johnson's Natural History of Trees and Fruits, 1662, sixteen years after the publication of this work.

Garey, Thomas A.

Orange culture in California. . .with an appendix on Grape culture by L. J. Rose.

San Francisco, c1882. A. T. Garey, printed by Pacific Rural Press, 227 p. 19cm. bds. p. 197-227 missing.

One of the early works on California's orange industry.

Guillaumin, A.

Les citrus cultives et sauvages. Paris, 1917. Challamel, 75p., illus., 25 cm. cl. Bibliothèque d'agriculture coloniale. Extrait de l'agriculture pratique des pays chauds.

Resume of the commercial and wild citrus industry.

Guitet-Vauquelin, Pierre

La culture des citrus. Paris, 1917. Challamel, 102 p., illus., 25 cm. cl. Bibliothèque d'agriculture coloniale. Extrait de l'agriculture pratique des pays chauds.

Very useful as a handbook.

Salasy Amat, Leopoldo de

Les plagas del naranjo y limonero en España; su extinció n por los insectos útiles, las pulverizaciones y las fumigaciones con el àcido cianhídrico. ed. 2.

Madrid, 1914. Imp. de la suc. de M. Mineresa de los Ríos, 228 p., illus. tables 23 cm. cl.

Report written and published in the first edition by order of the Minister of public works, etc. Very good on fumigation for insect pests and blight.

Spalding, William Andrew

The orange: Its culture in California; with a brief discussion of the lemons, lime and other citrus fruits. . . with an appendix on insects injurious to citrus trees, and how to combat them (from the work of Honorable Matthew Cooke)

Riverside, 1885. Press and Horticulturist, viii&97 p., illus., 24 cm. lea.

Trabut, Louis

Les orangers en Algèrie.

Agha-Alger, n. d. Montègut & Dequili (imprimerie agricole et commerciale) 123 p., illus., 24 cm. bds.

Government report of the citrus industry in Algeria.

The Riverside Public Library has very full material on the citrus industry in California from its inception to the present time in its reference files and in the bound volumes of its daily papers and citrus periodicals.

THE FARM-STEAD

As the heavens are higher than the earth, so are my ways higher than your ways, and my thoughts than your thoughts. For as the rain cometh down, and the snow from heaven, and returneth not thither, but watereth the earth, and maketh it bring forth and bud, that it may give seed to the sower, and bread to the eater: So shall my word be that goeth forth out of my mouth: It shall not return unto me void, but it shall accomplish that which I please, and it shall prosper in the thing whereto I sent it.

For ye shall go out with joy, and be led forth with peace: the mountains and the hills shall break forth before you into singing, and all the trees of the field shall clap their hands. Instead of the thorn shall come up the fir tree, and instead of the briar shall come up the myrtle tree: and it shall be to the Lord for a name, for an everlasting sign that shall not be cut off. Isaiah LV, 9-13.

Agricultural dictionaries and chemistries are included in this list, which is for the most part made up of books dealing directly with farming. Much material, however, will be found under other heads.

Allen, Richard Lamb

The American farm book; or, Compend of American agriculture; being a practical treatise on soils, manures, draining, irrigation, grasses, grain, roots, fruits, cotton, tobacco, sugar cane, rice, and every staple product of the United States, with the best methods of planting, cultivating, and preparation for market. New York, 1849. Saxton xii&319&48. p. illus. 20 cm. cl.

Contains a memoir on Indian corn, compiled by D. J. Browne under the direction of the American Institute. Contains also The Hasty Pudding; A poem in three cantos, written in Chambray, in Savoy, January, 1793, by Joel Barlow, minister plenipotentiary to France.

American quarterly journal of agriculture and science; conducted by Drs. E. Emmons and A. J. Prime, A. Osborn, Esq., and O. C. Gardiner. vol. 1-4. Albany, 1845-1846. C Van Benthuysen & co. vol. 1-4 in two plates, map col. plate. 23 cm. ¾ lea.

Baxter and son

The agricultural and horticultural gleaner; containing important discoveries and improvements in farming, gardening, and floriculture, with practical details connected with rural and domestic economy; also a miscellanea comprising agricultural, horticultural, and floricultural calendars, abstracts of acts of parliament passed during the last session, etc.

Lewes, 1836. Baxter & son, 301 p. col. front. 21 cm. cl.

Buist, Robert

The family kitchen gardener; containing plain and accurate descriptions of all the different species and varieties of culinary vegetables with their botanical, English, French, and German names, alphabetically arranged, and the best mode of cultivating them . . . also, descriptions . . . of . . . fruits, their management, propagation, etc.

New York, c1847. Orange Judd & co. 216 p. illus. 20 cm. cl. Also 1857, Saxton.

A good, practical gardener's handbook.

Burr, Fearing, Jr.

Field and garden vegetables of America; containing full descriptions of nearly eleven hundred species and varieties; with directions for propagation, culture, and use.

Boston, 1863. Crosby & Nichols, xv&652 p. illus. 23½ cm. cl. Same edition of 1865.

Very extensive, dealing with a great number of varieties.

Burr, Fearing, Jr.

Garden vegetables and how to cultivate them. (Includes some cooking directions and full index.) Boston, 1866. J. E. Tilden & co. xii&341 p. illus. 20 cm. cl.

Carr, Ezra Slocum

Patrons of husbandry on the Pacific Coast . . . with a general and special grange directory, and a full list of charter members of the subordinate granges of California . . . by Ezra S. Carr, M. D., L.L. D., late professor of agriculture in the University of California and Past Master of the Temescal Grange.

San Francisco, 1875. A. L. Bancroft & co. 454 p. illus. 24 cm. cl.

Deals with transportation and irrigation conditions in the state and compares them with those in other parts of the Union and foreign countries.

Colman, Henry

Agricultural and rural economy from personal observation. Illus-

trated with engravings and woodcuts. ed. 6 with additions, 2 vols. Boston, 1857. Phillips, Sampson & co. 2 v. illus. 25 cm. cl.
Treats of European conditions.

Crozier, William, and Henderson, Peter
How the farm pays; The experiences of forty years of successful farming and gardening. New York, 1884. Peter Henderson & co. 379 p. illus. 25 cm. cl.

The Cultivator; a monthly publication designed to improve the soil and the mind; conducted by J. Buel, of Albany. vol. v-vi.
Albany, 1838-40. Packard, Van Benthuysen & co. vol. v-vi illus.
Contains correspondence along chemical, agricultural, and mechanical lines. Illustrated with cuts.

Darwin, Erasmus
Phytologia; or, The Philosophy of Agriculture and Gardening; with the theory of draining morasses, and with an improved construction of the drill plow; by Erasmus Darwin, M. D., F. R. S., author of Zoonomia, and of the Botanic Garden.
London, 1800. S. Johnson, 612 p. 27½ cm. lea. gilt back.

Evelyn, John
Terra: a philosophical discourse of Earth relating to the Culture and Improvement of it for Vegetation, and the Propagation of Plants, as it was presented to the Royal Society. By John Evelyn, Esq. F. R. S. with notes by a. Hunter, M. D., F. R. S.
York, 1787. Printed by A. Ward, 74 p. illus. 31 cm. Russia.
Bound with Evelyn's Silva.

Genesee farmer; a monthly journal devoted to agriculture, horticulture, domestic and rural economy, illustrated. . . edited by Daniel Lee and James Vick, Jr. P. Barry, conductor of the horticultural department. vol. xiii.
Rochester, N. Y. 1852. Daniel Lee vol. xiii, variously paged illus. 25 cm. ¾ lea.

Goffart, Auguste
Manuel de la culture et de l'ensilage des mais et autres fourrages verts.
Paris, 1877. G. Masson iv+200 P. illus. 19 cm. pa. (rebound in cloth.)
Deals extensively with corn silage.

Greeley, Horace
What I know of farming: a series of brief and plain expositions of practical agriculture as an art based upon science.
New York, 1871. Carleton, 331 p. 19 cm. cl.
The author hopes that those who, uninterested in farming for its own sake, yet read the book because of its author's reputation, will be inspired to take up the works of better informed and more authoritative writers on the subject.
The dedication reads "To the man of our age, who shall make the first plow propelled by steam, or other mechanical power, whereby not less than ten acres per day shall be thoroughly pulverized to a depth of two feet, at a cost of not more than two dollars per acre, this work is admiringly dedicated by the Author."

Hind, H. Y.
Essay on the insects and diseases injurious to the wheat crops
Toronto, 1857. Lovell & Gibson, 139 p. illus. 23 cm. cl.
Essay awarded first prize by the Bureau of Agriculture and Statistics for Upper and Lower Canada in its campaign to arrest insect scourges in the wheat crops.

The horticulturist and journal of rural art and rural taste. vol. 1-xiv.
Edited by A. J. Downing, 1846-1852, vol. i-vii.
Edited by P. Barry, 1853-1855, viii-x.
Edited by P. Barry & J. J. Smith, 1855-1859, vol. x-xiv.
Published in Albany, 1846. Tucker.
Published in Rochester, 1853. James Vick.
Published in Philadelphia, 1855. R. P. Smith.
Published in New York, 1858-9. Saxton.
illus. 24 cm. ¾ lea.
Very good illustrations. Contains many articles on contemporary horticulturists who are still of great importance, such as Downing, Mr. and Mrs. Loudon, and Michaux, with some portraits.

Hovey, Charles Morse
Magazine of horticulture, botany, and all useful discoveries and improvements in rural affairs. vol. xxi-xxii (third series, vol. i-ii)
Boston, 1855-6. Hovey & co. vol. xxi-xxii. 24 cm. cl.

Jefferson, Thomas
Notes on the state of Virginia.
Philadelphia, 1788. Prichard & Hall. 20 cm. orig. lea.
"A notice of the mines and other subterraneous riches; its trees, plants, fruit, etc." (p. 24) p. 35-79, 216-217.

Johnson, Samuel W.
From the letter-files of S. W. Johnson . . . ed. by his daughter Elizabeth A. Osborne.
New Haven, 1913. Yale Univ. Press. 285p. ports. facsim. 22 cm. cl.
Includes his "Superphosphate of lime" p. 281.
Extremely interesting side-lights on the agricultural chemists of the early nineteenth century both at home and abroad, and on the progress of the science.

Johnston, James Finlay Weir
Elements of agricultural chemistry and geology . . . with a complete index and American preface by Simon Brown.
New York, 1860. C. M. Saxton. viii&372 p. illus. 19 cm. ¾ lea.
Simple explanations for the practical farmer, dealing especially with soil treatment.

Johnston, James Finlay Weir
Lectures on the applications of chemistry and geology to agriculture. New edition with an appendix containing suggestions for experiments in practical agriculture.
New York, 1850. C. M. Saxton. vi&618&89 p. port. diag. 20 cm. cl.
Progressive lectures from the elementary to the technical.

Journal of the Royal Agricultural Society of England. Vol. 1-75, 1840-1914.
London, 1840-1914, John Murray, vol 1-75. illus. 22 cm. part cl. and part ¾ lea.
vol. 1, 1840—vol. 44, 1883; vol. 51, 1890—vol. 59, 1898 bound in ¾ lea. gilt back. Other vols. bound in cloth.
General index to second series, 1865-1889. (vols. 25-50) bound separately (cloth)
vol. 16, series 1 in duplicate (¾ lea. gilt back)

Klippart, John H.
The wheat plant: its origin, culture, growth, development, composition, varieties, diseases, etc . . . together with a few remarks on Indian corn, its culture, etc.
The wheat plant . . . New York, 1860. A. O. Moore & co. 675 p. illus. 21 cm. cl.

A valuable work, based not only upon American conditions but on foreign authorities as well.

Laurence, John

A new system of agriculture. Being a complete body of husbandry and gardening in the parts of them. Viz. Husbandry in the field, and its several improvements. Of forest and timber trees, great and small; with evergreens and flow'ring shrubs, etc. Of the fruit-garden. Of the kitchen-garden. Of the flower-garden. In five books. London, 1726. Printed for Tho. Woodward, at the Half-Moon over against St. Dunstan's Church in Fleetstreet. Dedi. pref. contents & 456 p. front. illus. 36 cm. orig. calf.

Large, fine paper. Engr. front. by Vander Gucht. Pencilled annotations in margin.

Lawes, Sir John Bennet, bart.

The Rothamsted memoirs on agricultural chemistry and physiology. By Sir John Bennet Lawes, Bart. . .and Sir Joseph Henry Gilbert. . . London, 1893-1899. Printed by W. Clowes & sons, ltd., and by Spottiswoode & Co. 7 & 1 vols. illus. plates (part fold.) tables, diags. (part fold.), (part col.) 21½ cm. and 27 cm., fine Morocco.

Vols. 1-7 First published 1847-1898.

Vol. 8 First published 1902-1912, Harpenden 1914. Printed by D. J. Jeffery.

Lawes, Sir John Bennet, bart.

Rothamsted memoirs on agricultural chemistry and physiology. (From the "Philosophical Transactions") By Sir John Bennet Lawes, bart. . .and Sir Joseph Henry Gilbert. . . London, 1893-(1900) Printed by W. Clowes & sons, ltd. 3 vols. plates, tables (part fold.) 29½ cm. fine Morocco.

Liebig, Justus, freiherr von

Natural laws of husbandry, by Justus von Liebig; edited by John Blyth, M. D., professor of chemistry in Queen's College, Cork. New York, 1863. Appleton, 379 p. 21 cm. cl.

Liebig, Justus, freiherr von

Principles of agricultural chemistry; with special reference to the late researches made in England. New York, 1855. John Wiley, vii&105 p. 20 cm. cl.

Lindley, John

The theory of horticulture: or, An attempt to explain the principal operations of gardening upon physiological principles . . . second American edition, with notes, etc. by A. J. Downing. New York, 1852. Wiley, xx&343 p. illus. 20 cm. cl.

A treatise based upon general and specific **principles** applicable to diverse conditions, rather than a book of definite directions to be followed under all circumstances.

Lisle, Edward

Observations in husbandry. London, 1757. Printed by J. Hughs, 450 p. 29 cm. lea.

Includes observations on live-stock.

Maison Rustique. see Stevens, Charles, and Liebault, John. Maison Rustique (The Countrey Farme)

Massachusetts society for promoting agriculture: Papers on Agriculture; consisting of Communications made to the Massachusetts Society for Promoting Agriculture. Boston, 1803. Young & Minns, printers to the state. 93 p. 23½ cm. pa. (rebound in buckram.)

Contains list of members of the society, premiums offered for agricultural experiments, and, on p. 68, William Forsyth's directions for tree-surgery.

Miller, Philip
Gardener's and Botanist's Dictionary. . .see The Garden.

Mukerji, Nitya Gopal
Hand-book of Indian agriculture.
Calcutta, 1901. Printed by R. Dutt, Hare press. xxv&884 p. illus. 22 cm. cl.
A very useful book, giving native and English names and methods. A classified summary of the material treated is given in the front of the book.

Nash, J. A.
The progressive farmer: a scientific treatise on agricultural chemistry, the geology of agriculture; on plants, animals, manures, and soils, applied to practical agriculture.
New York, 1856. C. M. Saxton. x&254 p. 20 cm. cl.

Our farm of four acres and the money we made by it.
London, 1862. Chapman & Hall. 124 p. 19 cm. bds. ed. 19.

Same (from 12th London edition) with an introd. by Peter B. Mead. 126 p. 19 cm. bds.
A city family's experiences in the country, and what they learned there, told entertainingly and in detail. Gives a good picture of English middle-class life in a small town.

Pedder, James
The farmer's land-measurer or pocket companion; showing, at one view, the content of any size of land, from dimensions taken in yards. With a set of useful agricultural tables, by James Pedder, editor of the Boston cultivator.
New York pref., 1854. Orange Judd & co. 144 p. (text & tables) 16 cm. cl.

Quincy, Josiah
Essays on the soiling of cattle, illustrated from experience; and an address containing suggestions which may be useful to farmers.
Boston, 1859. John Wilson & son. 64 p. 24 cm. cl.
Address quoted was made in 1819. The book applied especially to Massachusetts, where cattle-soiling was not prevalent at the time of publication.

Rothamsted Memoirs: see Lawes, Sir John Bennet, bart.

Smith, Joseph A. comp.
Productive farming; or a familiar digest of the recent discoveries of Liebig, Johnston, Davy, and other celebrated writers on vegetable chemistry; showing how the results of tillage might be greatly augmented.
New York, 1843. Appleton, 150 p. 19 cm. pa.

Stevens, Charles, and Liebault, John
Maison Rustique, or, The Countrey Farme. Compyled in the French Tongue by Charles Stevens and John Liebault, Doctors of Physicke. And translated into English by Richard Surflet, Practitioner in Physicke. Now newly Reviewed, Corrected, and Augmented, with divers large Additions, out of the Works of Serres his Agriculture, Vinet his Maison Champestre, (French), Albyterio in Spanish, Grilli in Italian; and other Authors. And the Husbandrie of France, Italie, and Spaine, reconciled and made to agree with ours here in

England: by Gervase Markham.
London, 1616. Printed by Adam Islip for John Bill. 732 p. illus. 28 cm. calf gilt back and edge.

A very fine copy, rebound in polished mottled calf, with gilt edge and back and blind-tooled doublure. Quaint and interesting wood-cuts in the text.

The spelling of "country" appears on the title-page "countrey" and in many other places as "countrie," "Farme" and "house" also are used interchangeably, in the chapter headings.

A table of months and moon-phases in which to sow seeds is given, as well as an alphabetical Table of Matters, A Table of the "principall" things newly added, and a Table of the Diseases and Remedies described in the Seven Bookes of the volume.
The Fifth Booke, with its illustrated directions for measuring lands, would doubtless be of incalculable value to present-day surveyors.
In the ninth chapter of the First Booke are given the days of the month with their propitious and unpropitious influences; it would seem that the husbandman and accomplishing the work prescribed in the rest of the volume must be unbelievably industrious on the few "safe" days.

This is one of the greatest old agricultural books, and a great favorite of George Washington.

Switzer, Stephen

Ichnographia Rustica: or, the Nobleman, Gentleman, and Gardener's Recreation. Containing Directions for the Surveying and Distributing of a Country-Seat into Rural and Extensive Gardens, by the Ornamenting and Decorating of distant Prospects, Farms, Parks, Paddocks, etc. Originally calculated (instead of inclosed Plantations) for the Embellishment of Countries in general; as also for an Introduction to a General System of Agriculture and Planting. Illustrated with above Fifty Copper Plates, done by the best Hands, which, though first published above twenty Years ago, has given rise to every thing of the kind, which has been done since. The second edition, with large Additions. 3 vols.
London, 1742. Printed for J. & J. Fox, and others. 3 vols. illus. plans (fold.) 20 cm. orig. calf gilt back.

Title on outside of back reads Switzer's Husbandry. Armorial book-plate of Sir Jacob Astley, bart.
The Appendix at the end of vol. 3 contains, among other additions to the work, remarks "On the several Parts of a Tree, with the different Motion of Sap in Trees; wherein the Doctrine of Circulation, as maintained by some very ingenious Authors, is made doubtful, if not entirely erroneous. On the spontaneous Production of Plants in general. With a Dissertation on mushrooms, and a receipt for raising of them."
The book is full of quotations from authors ancient and "modern". A remarkably interesting and delightful work.

Taylor, John Orville

The Farmer's school book . . . This work contains the most important information on Agriculture.
Albany, 1837. "Common school depository" from the power-press of Hoffman and White. 236 p. 15½ cm. lea.

A children's school text-book as well as a handbook for adults. There are several chapters on simple physics and chemistry.
It is interesting to note the mention of the "power-press," which was still an innovation.

Thaer, Albrecht Daniel

The principles of practical agriculture . . . by Albert D. Thaer; trans. by William Shaw, esq., . . . and Cuthbert W. Johnson, esq., F. R. S.
New York, 1857. C. M. Saxton and co. ix&551&40 p., illus. 23½ cm. cl.

London edition includes Dumas on manures; Becquerel and Lawes on the action of salt in vegetation and its uses in agriculture.

Tull, Jethro

Horse-Hoeing Husbandry; or, An Essay on the Principles of Vegetation and Tillage. Designed to introduce A New Method of Culture; Whereby the Produce of Land will be increased, and the usual Expense lessened. Together with Accurate Descriptions and Cuts of the Instruments employed in it. ed. 3 corr.
London, 1751. A. Miller. xvi&426 p., plates. 22 cm. orig. calf, new gold back.

Many statistics given in proof of superiority of results obtained by using horse-drawn plows.

Tusser, Thomas

Five Hundred Points of Good Husbandry. As well for the Champion or open Countrey, as also for the Woodland or Several, mixed in every Moneth, with Houswifery, over and besides the Book of Houswifery Corrected, better ordered, and newly augmented to a fourth part more, with divers other lessons, as a diet for the Farmer, of the properties of Winds, Plants, Hops, Hearbs, Bees, and approved Remedies for Sheep and Cattel; with many other matters both profitable, and not unpleasant to the Reader. Also two Tables, one of Husbandry, and the other of Houswifery, at the end of the Book, for the better and easier finding out of any matter contained in the same. Newly set forth by Thomas Tusser, Gent.
London, 1672. Printed by T. R. and M. D. for the Company of Stationers. 146 p., exclusive of tables. 20 cm. lea.
In small to black letter. Closely printed. The edition of 1672 has some corrections and improvements on the editions closely preceding it.

The standard editions of this work are those of 1580 and 1585. The first edition appeared in 1557.—"A Hundred good Pointes of Husbandrie." The edition of 1562 probably "contained the germ of the Book of Huswifery."

The book abounds in amusing yet wise advice and quaint observations. Many well-known sayings and proverbs originate in Tusser or were recast by him.

"Seek home for rest, for home is the best."
"At Christmas play and make good cheer,
For Christmas comes but once a year."

One of the foundation books on agriculture.

Tusser, Thomas

Five hundred points of Good Husbandry . . . together with A Book of Huswifery . . . A new edition with notes, Georgical, illustrative, and explanatory, a glossary, and other improvements by William Mavor, L.L.D.
London, 1812. Lackington, Allen, and co. 36&XL&338 p. 24 cm. full Morocco gilt edge and back.

A very fine copy. Beautifully rebound by Riviere. Printed in red and black, with an extra, decorated title-page.
There is a biographical sketch of Tusser, which, with the text itself gives a good picture of English country life in the sixteenth century.
A "Catalogue of the editions of Tusser" is a valuable feature.

United States Agricultural Society

Quarterly journal of agriculture . . . for January, 1860; ed. by Ben. Perley Poore. Vol. 7, no. 4, p285-388.

Washington, 1860. U. S. Ag. Soc. W. H. Moore, printer p. 285-388 of vol. 7 no. 4. 25 cm. pa. Unopened.

Contains extract from an address by Abram (Abraham) Lincoln on intensive farming.

Vilmorin-Andrieux et cie.

The vegetable garden; illustrations, descriptions, and culture of the garden vegetables of cold and temperate climates . . . English edition published under the direction of W. Robinson, editor of "The Garden."

London, 1885. Murray xvi&601 p., illus. 24 cm. cl.

"The translation is wholly the work of Mr. W. Miller"—pref.

Gives many varieties.

Voelcker, John Augustus

Report on the improvement of Indian agriculture; by John Augustus Voelcker, Ph. D., B. A., B. Sc. F. I. C., etc., consulting chemist to the Royal Agriculture Society of England.

ed. 2. Calcutta, 1897. Ofc. of Supt. of Govt. Ptg. xxxiii&522 p. maps. 25½ cm. cl.

Washington, George

Letters on agriculture from his excellency George Washington, President of the United States, to Arthur Young, Esq., F. R. S. and Sir John Sinclair, Bart., M. P.; with statistical tables and remarks, by Thomas Jefferson, Richard Peters, and other gentlemen, on the economy and management of farms in the United States; edited by Franklin Knight.

Washington, 1847. Pub. by the editor. 198 p., facsim. 29 cm. cl.

Contains a number of facsimile letters of George Washington and also a copy of his will. The book is valuable not only for the data it gives on agriculture of the late eighteenth century, but for the light it gives on the character and the literary style of the man.

Watson, Alexander

American home garden; being principles and rules for the culture of vegetables, fruits, flowers, and shrubbery; to which are added brief notes on farm crops, with a table of their average product and chemical constituents.

New York, 1859. Harper, ix&519 p., illus. 20 cm. cl.

Weston, Richard (A Country Gentleman, **pseud.**)

Tracts on practical agriculture and gardening in which the advantage of imitating the garden culture in the field, is fully proved, by a seven years course of experiments. Particularly addressed to the gentlemen farmers in Great Britain. With observations made in a late tour through part of France, Flanders, and Holland. Also several useful improvements in Stoves and Green-Houses. To which is added, a complete chronological catalogue of English authors on agriculture, gardening, etc.: by a country gentleman.

London, 1769. S. Hooper, xxxiii&277&70 p. 1 pl. 21 cm. calf.

Book-plate of Calgarth Park. Fly-leaves etc. covered with written notes on planting the field (mathematically) and on other subjects relating to agriculture.

The catalogue is extremely interesting as it contains many biographical notes.

Worlidge, John

Systema Agriculturae; the Mystery of Husbandry discovered; Treating of the several new and most Advantageous Ways of Tilling, Planting, Sowing, Manuring, Ordering, Improving of all sorts of

Gardens, Orchards, Meadows, Pastures, Cornlands, Woods, and Coppices; as also of fruits, Corn, Grain, Pulse, New Hays, Cattle, Fowl, Beasts, Bees, Silk Worms, etc. With an account of the several Instruments and Engines used in this Profession; To which is added Kalendarium Rusticum; or, The Husbandmans Monthly Directions. Also the Prognosticks of Dearth, Scarcity, Plenty, Sickness, Heat, Cold, Frost, Snow, Winds, Rain, Hail, Thunder, etc. And Dictionarium Rusticum: or, the Interpretation of Rustick Terms. The whole Work being of great Use and Advantage to all that delight in that most Noble Practice. The Second Edition carefully Corrected and Amended, with many large and useful Additions throughout the whole Work: By the Author. Published for the Common Good: By J. W. Gent.

London, 1675. Printed by J. C. for Thomas Dring. 324 p., illus., front. 30 cm., folio calf.

Several quaint engravings.

The Prooemium or Preface in praise of Agriculture refers to the high esteem in which the ancients held the occupation and cites illustrious examples such as Cyrus, Lysander, Pliny, Cato, Plato, Attilus, Cicero, and many others.

"An esteemed work."—Lowndes.

FRUITS

"Close by the Gates a spacious Garden lies,
From Storms defended, and inclement Skies;
Four Acres was th' allotted Space of Ground,
Fenc'd with a Green Enclosure all around.
Tall-thriving Trees confess'd the thriving Mold;
The Red'ning Apple ripens here to Gold.
Here the Blue Figs with luscious Juice o'erflows;
With deeper Red the full Pomegranate grows:
The branch here bends beneath the weighty Pear,
And verdant Olives flourish all the Year."

Homer-Odyssey, Bk. 7.

This description of The Garden of Alcinous as translated by Euston, is taken from Switzer's Husbandry (Ichnographia Rustica) on pages 8, 9.

American horticultural society

Transactions, vol. 1-5, 1883-1888.

Indianapolis, 1883-1886, 1888. Carlton & Hollenbeck. Vols. 1-5 in 10 illus. 24 cm. cl.

Vol. 1-2, 1883-1884 under title Mississippi Valley horticultural society. Transactions.

Vol. 5 contains report of the 8th annual meeting, held in San Jose, California, and Riverside, California

American pomological society

Proceedings:

1873-75	1899-1901
1881-83	1903- 05
1885-87	1907- 09
1889-91	1911- 13
1895-97	

Published by the society, 1873-91. (31 cm.)

Published by the society, 1895-1913. (24 cm.) illus. ¾ lea.

Austen, Ralph

A Treatise of Fruit-trees, shewing the manner of Planting, Grafting, Pruning, and ordering of them in all respects;. . .whereunto is annexed Observations upon Sr. Fran. Bacon's Natural History, as it concerns Fruit-trees, Fruits, and Flowers; also, Directions for Planting of Wood for Building, Fuel, and other uses; whereby the Value of Lands may be much Improved in a short time, with small Cost and little Labour. The Third Impression, Revised, with Additions, by Ra. Austen, Practiser in the Art of Planting.
Deut. 20.10: Thou shalt not destroy the Trees, being trees for meat; for the Tree of the Field is mans life.
Amos 4.4: They shall Plant Gardens, and eat the fruits of them.
Oxford, 1665. Printed by William Hall, for Amos Curteyne, 260&82 p. 15½ cm., old calf (probably rebound.)

The Analysis and Table of Contents are very entertaining, but hardly the thing for ready reference. The information is useful and simply expressed, and the wholly unrelated subjects treated in succeeding paragraphs are an index to the leisurely and philosophical attitude of the seventeenth century. Copious Biblical and classical quotations are incorporated in the text, and the very evident sincerity and infatuation for his subject on the author's part put one in instant sympathy with him. In revising Sir Francis Bacon's Natural History Austen pleads Bacon's own desire (in his "Advancement of Learning"). "That the Writings of speculative men upon active matter seems to men of experience to be but as dreams and dotage: And that it were to be wished, (as that which would make Learning indeed solid and useful) that active men would or could become writers."
The author agitates the enactment of laws to encourage husbandry and forestry, and the appointment of officers to enforce them and advise the less learned agriculturists. Rather interesting in these days of Forestry Service and Farm Advisers.
The first edition of the Treatise of Fruit-trees appeared in 1653. Dict. Nat. Biog.

Barry, Patrick

The fruit garden; a treatise intended to explain and illustrate the physiology of fruit trees, the theory and practice of all operations connected with the propagation, transplanting, pruning and training of orchard and garden trees, as standards, dwarfs, pyramids, espaliers, etc.; the laying out and arranging different kinds orchards and garden, the selection of suitable varieties for different purposes and localities, gathering and preserving fruits, treatment of diseases, destruction of insects, descriptions and uses of implements, etc.
New York, 1860. Saxton & Barker, xii&389 p., illus. 20 cm. cl.

Buell,

Cider makers manual, Buffalo, 1869.

Downing, Andrew Jackson

Fruits and fruit trees of America; or, the culture, propagation, and management, in the garden and orchard, of fruit trees generally; with descriptions of all the finest varieties of fruit, native and foreign, cultivated in this country. . .illustrated with many engravings.
New York, 1845. Wiley and Putnam, xiv&590 p., illus. 20 cm. cl. (rebound)

The library has also the editions and reprints of 1846, 1849, 1858, and 1880, the latter two corrected by Charles Downing.
One of the best-known American horticulturists, and the American pioneer in horticulture and landscape gardening.

Forsyth, William

A Treatise on the culture and management of Fruit-Trees; in which a new method of pruning and training is fully described; to which is added, a new and improved edition of "Observations on the diseases, defects, and injuries, in all kinds of fruit and forest trees:" with an account of a particular method of cure, published by Order of Government; by William Forsyth, F. A. S. and F. S. A.; gardener to his Majesty at Kensington and St. James.

London, 1802. Nichols & son, viii&360 p., illus. 28½ cm. lea.

Directions for pruning and **tree surgery,** illustrated with numerous plates and diagrams, and showing tools to be used.

Hoffy, A.

Hoffy's North American pomologist, containing numerous finely colored drawings accompanied by letter press descriptions, etc. of fruits of American origin; edited by Willliam D. Brinckle, A. M., M. D. Book 1.

Philadelphia, 1860. A. Hoffy, vi&unpaged port. and col. pl. 27½ cm. cl.

Unusually fine hand-colored plates, the work of A. Hoffy.

Hovey, Charles Mason

The fruits of America, containing richly colored figures and full descriptions of all the choicest varieties cultivated in the United States.

New York, 1853. D. Appleton & co., viii&100 p., front. illus., col. pl. ports. 36 cm. cl

Ikeda, Tomochika

The Fruit culture in Japan.

Tokyo, n. d. Seibido, 110 p., port. 22 cm. pa.

Resume of climatic and soil conditions in Japan, and geographic and classified lists of fruits grown, with descriptions of Japanese methods.

Knight, Thomas Andrew

A treatise on the culture of the apple & pear, and on the manufacture of cider and perry. 2nd ed. enl.

Ludlow, 1801. H. Procter, 181 p.& postscript. 18 cm. ¾ lea. calf gilt back.

Water-mark 1800 appears in paper.
Postscript suggests method for making cider or perry to withstand long sea voyages.

McEwen, George

The culture of the peach and nectarine. . . edited and enlarged by John Cox.

London, 1859. Groombridge & sons, v&52 p., illus. col. front. 22½ cm. cl.

Treats only of the wall and hothouse tree.

McIntosh, Charles

The orchard: including the management of wall and standard fruit trees and the forcing pit.

London, 1839. Wm. S. Orr & co., viii&420 p. illus. hand col., front. t. p. & pl. 19 cm. cl. gilt-edge.

Mississippi Valley horticultural society

Transactions, vol. 1, 2, 1883-4.

Indianapolis, 1883-4. Carlon & Hollenbeck. Vol. 1-2 in 4. illus. 24 cm. cl.

This set is vol. 1-2 of the American horticultural society's Transactions.

Sayers, Edward

The American fruit garden companion, being a practical treatise on the propagation and culture of fruit, adapted to the northern and middle states.

Boston, 1839. Weeks, Jordan & co. xv&174 p. 17½ cm. cl.

Interesting as an early handbook.

New York (State) Dept. of Agriculture

The apples of New York by S. A. Beach, vol. II of the report of the New York Agr. Exp. Sta. 1903 II.

Albany, 1905. Lyon, iv&360 p. illus. col. pl. 24 cm. cl.

Description and history. Good illustrations and fine colored plates of fruits, giving cross-section as well as exterior views.

New York (State) Dept. of Agriculture

The plums of New York by U. P. Hedrick. . .vol. 3 part II of the 18th annual report of the New York Agr. Exp. Sta. 1910 II.

Albany, 1911. State printer (Lyon) xii&580 p., col. pl. 31 cm. cl.

Description and history. Blossoms as well as fruits well illustrated in fine colored plates. Prunes are included.

New York (State) Dept. of Agriculture

The grapes of New York by U. P. Hedrick. . .vol. 3 part II of the 15th annual report of the New York Agr. Exp. Sta., 1907 II.

Albany, 1908. State printer (Lyon) xv&536 p., col. pl. 31 cm. cl.

Very fine colored plates of fruit and leaf-branches. Full description and history of each grape, but no cultural directions.

Switzer, Stephen

The practical fruit-gardener; Being the best and newest Method of raising, Planting, and Pruning all Sorts of Fruit-Trees, agreeably to the Experience and Practice of the most eminent Gardeners and Nursery-Men; by Stephen Switzer; Revised and recommended by the Revd. Mr. Laurence and Mr. Bradley. Adorn'd with proper Plans.

London, 1724. Tho. Woodward, 333p. plans (fold.) 20½ cm., orig. calf, tooled.

Deals especially with English method of "flooring" borders for fruit trees, and with soils and their qualities. In speaking of the newly instituted plan of mid-summer tree planting the author exclaims: "A rare Inducement to Planters, to shew them how much may yet be undiscover'd of their Art, what a large Field they have to expatiate in, and such as our forefathers never so much as dreamt of!"

Thomas, John Jacobs

The American fruit culturist, containing directions for the propagation and culture of fruit trees in the nursery, orchard, and garden: with descriptions of the principal American and foreign varieties cultivated in the United States. ed. 7.

Auburn, 1853. Derby and Miller, xiv&421P., illus. 20 cm. cl.

The library has also the reprints and editions of 1857, 1867, 1885, 1914 (rev. from ed. 21 by W. H. S. Wood.)

The first edition preceded Downing's Fruits and fruit trees of America by 1 year.

Tilton's journal of horticulture and florist's companion . vols. 1, 3, 5, 9. 1867-1871.

Boston, 1867-1871 vol. 1, 3, 5, 9. illus. 23 cm. cl.

Published from 1867 to 1869 under title American journal of horticulture.

Warder, John Aston

American pomology; Apples.

New York, c1867. Orange Judd, vii&737p., illus. 20 cm. cl.

Has author's autograph dedication on a page inserted in the front.

Wood, William H. S., ed.
American fruit culturist; containing practical directions for the propagation and culture of all fruits adapted to the United States, by John J. Thomas. . .twenty-first edition, rev. and enl. by William H. S. Wood. . .illus. with over 800 accurate figures.
New York, 1914. Orange Judd co., xvii&814p., illus. 22 cm. cl.
A late edition of a work published in 1847.
Valuable on fruits and nuts. The information is easily found.

For fruits, see also Citrus Culture and Grapes.
There is also material among the books on Agriculture and Gardening.

THE GARDEN

Go down to Kew in lilac-time (It isn't far from London!)
Go down to Kew in lilac-time (It isn't far from London!)"
And you shall wander hand in hand with love in summer's wonder-land;
Go down to Kew in lilac-time (It isn't far from London!)"
Alfred Noyes' "Barrel-organ."

The Botanical magazine; or, Flower-garden displayed: in which the most ornamental foreign plants, cultivated in the open ground, the green-house, and the stove, are accurately presented in their natural colours. To which are added, their names, class, order, generic and specific characters, according to the celebrated Linnaeus; and their places of growth, and times of flowering: together with the most approved methods of culture. A work intended for the use of such ladies, gentlemen, and gardeners, as wish to become scientifically acquainted with the plants they cultivate. Vol. 1-45.
London, 1793-1818. Printed by S. Couchman, vol. 1-45, port., col., pl. 24 cm. ¾ lea.
By William Curtis, 1793-1800, vol. 1-14.
By John Sims, 1801-1818, vol. 15-45.
Title of vols. 15-45 reads "Curtis' botanical magazine." Port. of Willliam Curtis as front. of vol. xvi., p.1096, descriptive of plate 1096 is missing. Latin and English indices in each volume. Very fine hand-colored plates.
An extremely valuable run in good condition.

Breck, Joseph
New book of flowers.
New York, c1866. Orange Judd & co., xii&480 p., illus. 19½ cm. cl.
Deals with garden flowers capable of out-door cultivation.

Bridgeman, Thomas
The florist's guide; containing practical directions for the cultivation of annual, biennial, and perennial flowering plants. . .including the double dahlia; with a monthly calendar containing instructions for the management of green-house plants throughout the year. ed. 3, enl. & imp.
New York, 1840. Bridgeman, 180 p. 19 cm. cl.
Adapted to the home-grower.

British florist; or, Lady's journal of horticulture. . .in six volumes with eighty-one carefully colored plates.
London, 1846. Henry G. Bohn, 6 vols. in 3 col. engr. 23 cm. ¾ calf.

The divisions of the work are under title Florist's journal, and the outside title reads British florist. Very fine hand-colored plates.
Non-scientific articles on description and culture of plants: each month a calendar of the current month and a resume of weather conditions of the month preceding, is given.

Buist, Robert
American flower-garden directory; containing practical directions for the culture of plants in the flower-garden, hot-house, green-house, rooms, or parlour windows, for every month in the year. . . with instructions for erecting a hot-house, green-house, and laying out a flower-garden. . .with instructions for preparing the soil, propagating, planting, pruning, training, and fruiting the grape vine.
New York, c1854. Orange Judd, 334 p. 20 cm. cl.

Carter's practical gardener; a handy book on everyday matters connected with garden routine; illustrated. ed. 3.
London, 1869. E. Marlborough & co., 138, advertisements, xviii p., illus. 17 cm. pa.
Colored designs for flower-beds.
Directions for each month, particularly for the professional gardener, including much material on conservatories, orchid-house, etc.

Cecil, the Hon. Mrs. Evelyn (The Honorable Alicia Amherst)
A history of gardening in England. ed. 3.
New York, 1910. Dutton, xviii&383 p., illus. 23½ cm. cl.
The text of the book is extremely interesting, and the facsimile prints as well.
Very good **bibliography** of English books on gardening, beginning with 1516, & author list.

Church, Ella Rodman
The home garden (Appleton's home books)
New York, 1889. D. Appleton, 121 p., illus. 20 cm. cl.
A very good book for the lover of a small sweet garden.

Copeland, Robert Morris
Country life; a handbook of agriculture, horticulture, and landscape gardening.
Boston, 1859. John P. Jewett & co., x&804 p., engr. 22 cm. cl.
Chronological arrangement by months. Deals particularly with landscape gardening.

Downing, Andrew Jackson
Rural essays. . .edited, with a memoir of the author, by George William Curtis, and a letter to his friends, by Frederika Bremer.
New York, c1853. Leavitt & Allen, Lxxi&557 p., illus. 23½ cm. cl.
Landscape gardening. "The horticulturist and journal of rural art and rural taste," edited by Downing, will be found among the books on the Farm-Stead.

Downing, Andrew Jackson
A treatise on the theory and practice of landscape gardening adapted to North America; with a view to the improvement of country residences. . .with remarks on rural architecture.
ed. 4 enl. rev. and newly illus.
New York, 1849. Putnam, 532 p., illus. 24 cm. cl.
same; ed. 5, New York, 1856. Saxton, 532 p., illus., front. (port. of Downing) 24 cm. cl.
Of great interest as the earliest distinctively American work on the subject. Many illustrations of contemporary American residences are given.

The Florist, fruitist, and garden miscellany v. 12, 1859. London, 1859. "Florist" office, 378 p., woodcuts and col. pl. 22 cm. cl.
An English periodical on gardening matters.

Gardener's monthly and horticultural advertiser; edited by Thomas Meehan, v. 4, 1862.
Philadelphia, 1862. W. G. P. Brinckloe, v. 4, illus. 25½ cm. cl.

Henderson, Peter
Practical floriculture; a guide to the successful cultivation of florist's plants for the amateur and professional florist.
New York, c1869. Orange Judd, 246 p., illus. 19½ cm. cl.

Johnson, Louisa
Every lady her own flower gardener; addressed to the industrious and economical; containing simple and practical directions for cultivating plants and flowers on the garden and in rooms. . .rev. from the fourteenth London ed. & adapted to the use of American ladies. (Saxton's rural hand-books)
New York, 1856. Saxton, 110 p. 19½ cm. pa.
A very simple, practical hand-book, with chronological table of **Blossoming times.** Quaint.

London, Horticultural society of
Transactions. V. 1-7.
London, 1850-1830. Published by the society and printed by W. Bulmer & co. and by W. Nicol. 7 vols, engrs., diag. and col. Pl. 32 cm. ¾ lea.
Large paper. Very fine hand-colored plates. Vol. 1 is of the second edition. Vol. 2-7 have no edition specified. Vol. 7 contains temperature chart and meteorological observations. Contributed articles by some well-known authorities and by members of the society. Treats of general gardening and horticultural matters, including fruits.

Loudon, Mrs. Jane (Webb)
The ladies flower-garden of ornamental annuals, 1840.
The ladies flower-garden of ornamental bulbous plants 1841.
The ladies flower-garden of ornamental greenhouse plants, 1848.
The ladies flower-garden of ornamental perennials, v. 1, 1843.
The ladies flower-garden of ornamental perennials, v. 2, 1844.
London, 1840-1848. Smith, 5 vols., col. pl. 28 cm., ¾ calf.
A complete set of this well-known and important work. The colored plates are remarkably fine.

Miller, Philip
Gardener's and Botanist's Dictionary;. . . by the late Philip Miller, F. R. S. . .To which are now first added, a complete Enumeration and Description of all plants hitherto known, with their Generic and Specific Characters, Places of Growth, Times of Flowering, and uses both Medicinal and Economical; the whole corrected and newly arranged, with the addition of all the modern improvements in Landscape Gardening, and in the Culture of Trees, Plants, and Fruits, particularly in the various kinds of hot houses and forcing frames: with Plates explanatory both of them, and the Principles of Botany; by Thomas Martyn, B. D., F. R. S., Regius Professor of Botany in The University of Cambridge. 2 vols. in four.
London, 1807. Printed by Law and Gilbert, 2 vols in 4, illus. 44 cm. lea., gilt edge and back.
15 fine engraved botanic plates and 5 engraved plans of greenhouses, fruit-houses, etc. in vol. 1, part 1.

Miller, Philip
The Gardener's Dictionary: containing the Best and Newest Methods of Cultivating and Improving the Kitchen Fruit, Flower Garden, and Nursery; As also for Performing the Practical Parts of Agriculture: including the Management of Vineyards, with the Methods of

Making and Preserving the Wine, according to the present Practice of the most skillful Vignerons in the several Wine Countries in Europe; together with Directions for Propagating and Improving from Real Practice and Experience, all sorts of Timber Trees.
The Seventh Edition, Revised and Altered according to the latest System of Botany; and Embellished with several Copper-Plates, which were not in the former Editions; by Philip Miller, F. R. S., Gardener to the Worshipful Company of Apothecaries, at their Botanick Garden in Cheisea, and Member of the Botanick Academy at Florence.
London, 1759. Printed for the Author, not paged, thick folio. 41 cm. lea. Tight back, laced-in boards.

One of the most important books in any gardening collection. The first edition appeared in 1731-7.

Nicholson, George, ed.

The illustrated dictionary of gardening; a practical and scientific encyclopedia of horticulture for gardeners and botanists. 5 vols.
London, n. d. Gill, 5 vols. (1-4 and Century supplement illus. col. fronts. 26 cm. cl.

A very useful and valuable work for the gardener. Vol. 5 contains indices to flowering periods, colors, heights, special purposes, common names, etc.

Parkinson, John

Paradisi in Sole Paradisus Terrestris. or, A choise Garden of all sorts of Rarest Flowers, with their Nature, place of Birth, time of flowering, Names, and Vertues to each Plant, useful in Physick, or admired for Beauty. To which is annext a Kitchin-Garden. . .With the Art of planting an Orchard. . .All unmentioned in former Herbals. Collected by John Parkinson, Apothecary of London, and the King's Herbarist. 2d impression much corrected and enlarged.
London, 1656. Printed by R. N. and are to be sold by Richard Thrale. 612 p. & index, table of English names of plants, and table of herbs and their uses. front. & illus. 34 cm. calf.

Large paper. Profusely illustrated. Bookplate of Ham Court. p. 307-8 in duplicate.
A very interesting engraved half-title page illustrating the earthly paradise or garden of Eden, with many of its animal and vegetable inhabitants pictured in detail.
A very rare and charming old book, referred to by the author in his dedication to Queen Henrietta Maria, consort of Charles I, as a "Feminine Work of Flowers." The first edition was published in 1629. The author dedicated his Theatrum Botanicum, a "Manlike Worke of Herbes and Plants" (pub. in 1640) to Charles I.

Parkman, Francis

The book of roses.
Boston, 1866. Tilton, 225 p. 20 cm. cl.

Particularly interesting as the work of the famous historian, who occupied the chair of Horticulture in the Harvard College of Agriculture for several years.

Parsons, Samuel Bowne

Parsons on the rose; a treatise on the propagation, culture, and history of the rose.
New York, c1869. Orange Judd, 211 p., illus. 19½ cm. cl.

Originally written about 1848, and full of charming historical and legendary allusions in regard to roses.

Paul, William

The rose garden. ed. 9.
London, pref. 1888. Kent & co., xiv&356 p., illus., col. pl. 32 cm. cl.
Division 1, History and poetry of the rose, formation of the rosarium, and an account of the cultivation of the flower.

Division 2, Arrangement in natural groups of best roses, with descriptions and remarks on their origin and mode of culture.

Very interesting history of roses from earliest known mention to the time of publication, and a most useful work. Beautifully illustrated.

Rand, Edward Sprague, Jr.

Bulbs; a treatise on hardy and tender bulbs and tubers.

Boston, 1866. Tilton, 292 p., illus. 20 cm. cl.

A good handbook, giving in detail methods of indoor growth.

Rand, Edward Sprague, Jr.

Seventy-five popular flowers, and how to cultivate them.

Boston, 1870. Tilton, 204 p., illus. 20 cm. cl.

A practical book.

Repton, Humphry, Esq.

An enquiry into the changes of taste in landscape gardening; to which are added some observations on its theory and practice, including a defence of the art.

London, 1806. Taylor, v&174 p. 23 cm. ½ lea. rebound.

Written for Martyn's edition of Miller's Gardener's Dictionary. Contains letters in a controversy between the author and Uvedale Price, author of "An essay on the picturesque."

Sayers, Edward

A treatise on the culture of the dahlia and cactus.

Boston, 1839. Weeks, Jordan & co., vi&72 p. 16 cm. bds.

History of the dahlia, and methods of treatment especially adapted to Massachusetts, where it was becoming very popular at the time.

Speede, G. T. Frederic

Indian hand-book of gardening; or guide to the management of the kitchen, fruit, and flower-garden, in India,. . .a Hindoostanee vocabulary of horticultural terms, and a list of plants. ed. 2, enl. & corr.

Calcutta, 1842. W. Thacker & co., 353&259 p., illus. 22 cm. cl.

Contains list of plants with height of each; Hindoostanee-English and English-Hindoostanee terms, as well as Hindoostanee calendar. Garden calendar. Very useful for India.

Walpole, Horace, 4th earl of Oxford

Essay on modern gardening. . .with a faithful translation into French by the Duke of Nivernois; A reprint in type facsimile of the edition printed by Mr. Walpole at Strawberry Hill MDCCLXXXV; to which is added an introductory note by Alice Morse Earle.

Canton, Penn., 1904. The Kingate press, 24&94 p., facsim. 25 cm. cl.

Edition of 375 copies printed on Enfield hand-made paper. Contains two facsimile letters written by Walpole to the duc de Nivernois in appreciation of the work done by the latter in rendering the Essay into French (one letter a first draft, showing corrections). English text and French rendering are on facing pages throughout, and notes explanatory of English customs mentioned in the text are appended to the French version. This is the first reprint made since the original French and English edition of 400 copies was printed at Strawberry Hill in 1785.

The introduction by Mrs. Earle is in itself a delightful essay on Walpole, his attitude, his work, and the circumstances which made him.

Vick's monthly magazine,

Rochester, 1878-1883. Vick, vol. 1-6; illus., col. pl. 24 cm. cl.

Has departments for young people where gardening and botanical questions are answered.

One of the well-known garden magazines of the time.

Wright, John
The flower-grower's guide. . .with coloured illustrations by Miss Marie Low and Miss Gertrude Hamilton. 3 vols.
London, dedi., 1896. Virtue, 3 vols., illus., col. pl. 28½ cm. ¾ lea.
A very fine work, with beautiful illustrations. Not well adapted to the small simple garden, but treats rare and exotic plants exhaustively.

GRAPE CULTURE

"Here, order'd Vines in equal Ranks appear
With all th' united Labours of the Year.
Some to unload the fertile Branches run,
Some dry the black'ning Clusters in the Sun;

Others to tread the liquid Harvest join;
The groaning Presses foam with Floods of Wine.
Here are the Vines in early Flow'rs descry'd,
Here Grapes discolour'd on the Sunny-side:"
From Euston's Odyssey.

Chorlton, William
The cold grapery, from direct American practice; being a concise and detailed treatise on the cultivation of the exotic grape-vine, under glass, without artificial heat.
New York, 1853. J. C. Riker, 95 p., illus. 19 cm. cl.

Du Breuil, Alphonse
Vineyard culture improved and cheapened. . .tr. by E. & C. Parker . . .with notes and adaptations to American culture by John A. Warder.
Cincinnati, 1867. Clarke, xvi&337 p., illus. 20 cm. cl.

Eisen, Gustav
The raisin industry; a practical treatise on the raisin grapes; their history, culture, and curing.
San Francisco, 1890. Crocker, 218 p., illus. 25½ cm. cl.

Flagg, William Joseph
Three seasons in European vineyards; treating of vine-culture; vine disease and its cure; wine-making and wines, red and white; wine-drinking, as affecting health and morals.
New York, 1869. Harper, 321 p., illus. 19½ cm. cl.

Fuller, Andrew S.
The grape culturist; a treatise on the cultivation of the native grape.
New York, 1864. Davies & Kent, 259 p., illus. 19½ cm. cl. Editions of 1866 and 1867 also.
Clear directions. Horizontal arm & renewal systems.

Haraszthy, Agostin
Grape culture, wines and wine-making; with notes upon agriculture and horticulture.

New York, 1862. Harper, 420 p., illus. 24½ cm. cl.
Account of a trip of inspection through wine-making countries of Europe; quotations from many European authorities; grapes and wines in California; the **silk-worm; beet-sugar;** fruit-drying, etc. The journal itself is entertaining.

Hedrick, U. P.
The grapes of New York: see Fruits.

Husmann, George
The cultivation of the native grape, and manufacture of American wines.
New York, 1866. Woodward (office of the Horticulturist) 192 p., illus. 19½ cm. cl.
A work for the novice, giving simple and inexpensive methods.

Husmann, George
Grape culture and wine-making in California; a practical manual for the grape-grower and wine-maker.
San Francisco, 1888. Payot, Upham & co., 380 p., illus. 19½ cm. cl.
There is a chapter on Raisin-making.

Mead, Peter B.
An elementary treatise on American Grape culture and wine-making.
New York, 1867. Harper and Bros., 476 p., illus. 24 cm. cl.
Deals more fully with the trained vine than with the vineyard grape.

Phin, John
Open air grape culture; a practical treatise on the garden and vineyard culture of the vine, and the manufacture of domestic wine. . . for. . .use. . .in the northern and middle states. . .to which is added a. . .description of the celebrated Thomery system of grape culture.
New York, 1862. Saxton, 375 p., illus. 19½ cm. cl.
Descriptive catalog native grapes, preserving, raisin-making. The edition of 1867, Sheldon, is in library.

GRASSES and FIBRES

Sussex

"Clean of officious fence or hedge,
Half-wild and wholly tame,
The wise turf cloaks the white cliff edge
As when the Romans came."

Rudyard Kipling

Flint, Charles Louis
Grasses and forage plants; a practical treatise comprising their natural history, comparative nutritive value, methods of cultivating, cutting, and curing, and the management of grass lands in the United States and British provinces. ed. 5 rev. and enl.
Boston, 1860. Crosby, Nichols, Lee & co., viii&388 p., illus. 21½ cm. cl.
Library also has edition of 1888 (rev.)
Deals especially with the improvement of marshland grasses.

Plues, Margaret

British grasses: an introduction to the study of the Gramineae of Great Britain and Ireland.
London, 1867. Reeve & co., vi&301&xvi p, col. pl. 20 cm. cl.

Reeve, Gabriel

Directions Left by a Gentleman to his Sonns: for the Improvement of Barren and Heathy Land in England and Wales.
London, 1670. Printed by E. T. and R. H. for R. Royston, 34 p. 20 cm. calf.
Very fine calf rebinding, green and gold back.
On the raising of flax, with an account of the industry as practiced in Flanders. A very interesting little treatise, told in a conversational narrative form.

Seemann, Berthold

Popular history of the palms and their allies, containing a familiar account of their structure, geographical and geological distribution, history, properties, and uses, and a complete list of all the species introduced into our gardens.
London, 1856. Lovell Reeve, xiv&345 p., col. pl. 16½ cm. ¾ lea.
Much of the information was gained during a cruise around the world on H. M. S. "Herald." Numerous crudely-colored but faithfully illustrative plates.

Sinclair, George

Hortus gramineus Woburnensis; or, an account of the results of experiments on the produce and nutritive qualities of different grasses and other plants used as the food of the more valuable domestic animals. . .pointing out the kinds most profitable for permanent pasture, irrigated meadows, dry upland pasture, and the alternate husbandry; accompanied with the discriminating characters of the species and varieties. ed. 3.
London, 1826. James Ridgway, xx&428 p., illus. 27 cm. cl.
Hand-colored engravings. Rebound.

Squier, Ephraim George

Tropical fibres; their production and economic extraction.
New York, 1863. Scribner, 64 p. xvi, plates. 24 cm. cl.
Very fine (uncolored) lithographic plates.

Turner, Frederick

Australian grasses. vol. 1.
Sydney, 1895. Potter, Govt. printer, xxxviii&63 p., illus. 25 cm. cl.

HERBALS

"O, mickle is the powerful grace that lies
In herbs, plants, stones, and their true qualities;
For nought so vile that on the earth doth live
But to the earth some special good doth give."
Fr. Laurence, in "Romeo and Juliet."

Culpeper, Nicholas

Culpeper's English physician; and complete herbal. To which are now first added, upwards of one hundred additional herbs with a display of their medicinal and occult properties. . . to which are annexed rules for compounding medicine according to the new system of nature: Forming a complete family dispensatory and natural system of physic. Beautified and enriched with engravings of. . . plants and. . . anatomical figures. . . by E. Sibley.

London, Year of masonry, 5793 (1790) Printed for the author, 2 vols. in 1 pl. 27 cm. lea.

Good anatomical and herbal illustrations.

Flint, Martha Bockee

A garden of simples.

New York 1900. Scribners, 307 p. 20 cm. bds.

Arranged in the old style of printing, arrangement, and binding, and crowded with quotations from and allusions to the old-time writers on herbs and gardening in general. A fascinating hodge-podge of entertaining material, very cleverly put together.

Gerarde, John

The Herbail; or, Generall Historie of plantes. Gathered by John Gerarde of London, Master in Chirurgerie. Very much enlarged and Amended by Thomas Johnson, Citizen and Apothecarye of London. London, 1633. Printed by Adam Islip, Joice, Norton, and Richard Whitakers, 1630 p. Engr. front. illus. 37 cm. calf (orig?)

Large paper. Very fine engraved pictorial title-page, and other engravings. Alphabetical tables in Latin and in English, the latter in blackletter. The table of Vertues is interesting. Has name and address of Ant. Thompson with date 1636 on front fly-leaf, and the book-plate of Trinity College, Cambridge, appears on the verso of the leaf following the title page.

This book is very valuable, and stood equally with Parkinson's Theatrum Botanicum as the authoritative reference book on botany until the time of Ray.

Good, Peter P.

The family flora and materia medica botanica; containing the botanical analysis, natural history, and chemical and medical properties and uses of plants. . .illustrated by colored engravings. 2 vols. rev. ed.

Cambridge (Mass.) c1854. Peter P. Good, Jr. 2 vols. col. pl. 24 cm. cl.

Not usable as a first-aid medical work as there is no index. The properties of each herb follow its description, but there is no systematic arrangement. The herbs described in vol. 2 are arranged or listed in a table according to seasons, i. e., spring, summer, etc. A chart explaining and illustrating the Linnaean System is given in vol. 2. Profusely illustrated.

Green, Thomas

The universal herbal; or, botanical, medical, and agricultural dictionary. Containing an account of all the known plants in the world, arranged according to the Linnaean system. Specifying the uses to which they are or may be applied, whether as food, as medicine, or in the arts and manufactures. With the best methods of propagation and the most recent agricultural improvements. ed. 2 rev. London, pref. 1824. Caxton press, 2 vols., col. pl. 28 cm. lea., gilt back and decorations.

Very fine hand-colored plates, front., and extra title-pages.

Hunter, John D.

. . .Some account of the soil climate, and vegetable productions, and the Indian materia medica in his Hunter's Narrative of the man-

ners and customs of several Indian tribes located west of the Mississippi.
Philadelphia, 1823. Ptg. for the author by J. Maxwell, 402 p. 22 cm. lea.
p. 145-161, 180-182, 368-395.
Valuable for Indian herb remedies as described by one who was thoroughly familiar with, and had made use of them among the Indians. The book is very interesting on Indians and Indian character.

Lewer, H. W.
A Book of Simples. Being a Reproduction of the Still-Room Book belonging to an old Manor House.
London, 1908. Low, 234 p., Demy 8vo. parchment.
"Produced in the best style." Pure rag paper, deckle edged, bound in green parchment, full gilt back.

Lindley, John
Flora medica; a botanical account of all the more important plants used in medicine in different parts of the world.
London, 1838. Longman, Orme, etc., xiii&636 p. 22 cm. ¾ lea.

Orta, Garcia da. 1490-1570
Colloquies on the simples and drugs of India. . .new ed. (Lisbon, 1895) edited and annotated by the conde de Ficalho; trans. with an introd. and index by Sir Clements Markham.
London, 1913. Sotheran, xxi&509 p., illus. 22 cm. cl.
By one of the greatest early authorities on medicine and drugs, written as a discussion between a suppositious doctor and Orta himself. The historical setting of the book, also, is very interesting.

Parkinson, John
Theatrum Botanicum: The Theater of Plants. or, An Universall and Compleate Herball; Composed by John Parkinson Apothecarye of London, and the Kings Herbarist.
London, 1640. Printed by Tho. Cotes, 1755 p., illus., engr., t. p. port. 35 cm., calf, gilt back.
This is a first edition. Fine copy. Thousands of woodcuts, and an engraved title-page (by W. Marshall) with portrait of author below those of Adam and Solomon. Contains much matter on the universal history of plants not contained in previous works. The dedication of this "Manlike Worke Of Herbes and Plants" is to Charles I, as that of his "Feminine Worke of Flowers" (Paradisi in Sole) was to his consort, Queen Henrietta Maria. "Table of the Vertues."
"Gerarde's herbal and this work were the two main pillars of botany in England to the time of Ray"—Lowndes.

THE HOTHOUSE and EXOTICS

"It's twenty thousand mile to our little lazy isle
Where the trumpet-orchids blow!"
Rudyard Kipling

Brooke & Co., Fairfield nurseries
The Fairfield orchids; a descriptive catalogue of the species and varieties grown by James Brooke & co., Fairfiald nurseries.
London, 1872. Bradbury, Evans, & co., vi&128 p. 23 cm. cl.

An "Introduction to orchidology." Gives references to colored plates in many orchid books. Glossary.

Burbidge, Frederick William
Cool orchids and how to grow them; with a descriptive list of all the best species in cultivation.
London, 1874. Hardwicke, 160 p., illus., col. pl. 18 cm. cl.

Miner, Harriet Stewart
Orchids, the royal family of plants
Boston, 1885. Lee & Shepherd, 90 p., col. pl. 36 cm. cl
Heavy plate paper. Fine colored plates.

Speechly, William
A Treatise on the Culture of the Pineapple and the Management of the Hot-House; together with a description of every species of Insect that infest Hot-Houses, with effectual methods of destroying them, ed. 2 with additions.
York, 1796. Printed for the Author. . .by G. Peacock, xvi&197 p., engr.. plates (part fold.) 22 cm. ¾ lea. (original)
Outside title reads Speechly's Hot House.
Contains several plans for the construction and heating apparatus of the hot-house.
Directions for the construction of hot-houses are contained in Downing's "Treatise" and other books.

PLANT STUDY

"Once in a golden hour
I cast to earth a seed.
Up there came a flower,
The people said, a weed."
"The Flower" Tennyson.

Bailey, F. M.
A companion for the Queensland student of plant life.
Brisbane, 1893. Govt. ptg. ofc., 108 p. 22 cm. ¾ lea.
Consists in large part of a "glossary of botanic terms, their explanation and application, functions of the various organs, etc."

Balfour, John Hutton
The plants of the Bible; trees and shrubs.
London, 1857. T. Nelson & sons, iv&54 p., col. pl. 25 cm. cl.
Many colored plates. General descriptions and often genera and species, are given, as well as Biblical allusions.

Beck, Lewis C.
Botany of the northern and middle states; or a description of the plants found in the United States, north of Virginia; arranged according to the natural system, with a synopsis of the genera according to the Linnaean system—a sketch of the rudiments of botany, and a glossary of terms.
Albany, 1833. Webster & Skinners, 463 p. 19 cm. lea.

Botanical colored plates. (Excerpt from Encyclopedia Londoniensis.
London, 1799. ——15 fine colored plates. 29½ cm. ½ suede.

Brown, Robert
The miscellaneous botanical works of Robert Brown. (Publications

of the Ray Society) 2 v. &1.
London, 1866-68. Pub. for the society by Hardwicke, R. 2. vols. & 1 of pl. 23 cm. cl. & 37 cm. bds.
V. 3 is atlas (of plates) 37 cm. bds.
Contents: vol. I, 1.—Geographico-botanical, and 2.—structural and physiological memoirs. vol. II, 3.—Systematic memoirs, and 4.—Contributions to systematic works. vol. III, Atlas.
The engravings are very fine, many from the original plates for Capt. Flinder's "Voyage to Terra Astralis" and others belonging to the Council of the Linnaean Society. Brown was the greatest botanical authority of his day (1773-1858)

Crombie, Rev. Jacobus M.
Lichenes Brittannici, seu lichenum in Anglia, Scotia, et Hibernia vigentium, enumeratio, cum eorum stationibus et distributione.
London, 1870. L. Reeve & co., vii&138 p. 18 cm. cl.
An account of the lichens discovered and classified by others as well as rare kinds found by the author.

Curtis' botanical magazine see
Botanical magazine under heading The Garden.

Darwin, Charles
Different forms of flowers on plants of the same species.
New York, 1877. Appleton, viii&345 p., illus., 20 cm. cl. same 1889.

Darwin, Charles
The effects of cross and self fertilization in the vegetable kingdom.
New York, 1892. Appleton, viii&469 p., tables. 20 cm. cl.

Darwin, Charles
Insectivorous plants.
New York, 1892. Appleton, x&453 p., illus. 20½ cm. cl.
Minute descriptions of plants which absorb animal matter through glands.

Darwin, Charles
The movements and habits of climbing plants. ed. 2 rev.
New York, 1876. Appleton, viii&206 p., illus. 20 cm. cl. same 1891.
"This essay first appeared in the 9th vol. of Jour. of Linnaean Society, pub in 1865."

Darwin, Charles
The power of movement in plants by Charles Darwin. . .assisted by Francis Darwin.
New York, 1892. Appleton, x&573 p., illus. 20½ cm. cl.
Movement, aside from growth, with illustrative diagrams. Plants and leaves going to sleep.

Darwin, Erasmus
The botanic garden; a poem in two parts.
Part 1 containing the Economy of Vegetation.
Part 2, the Loves of the Plants; with philosophical notes.
London, 1795. J. Johnson, 218&200 p., illus. 29 cm. lea.
Laudatory poems by Cowper and others to the author appear at the beginning of the book. The author was the grandfather of Charles Darwin.

Figuier, Louis
The vegetable world; being a history of plants, with their structure and peculiar properties; adapted from the work of Louis Figuier; with a glossary of botanical terms.
London, Paris, & New York, n. d. Cassell, Peter, etc., viii&569 p., illus. 19½ cm. cl.
A non-technical botany, and very useful, for the amateur of that time.

Goodale, George Lincoln

Wild flowers of America; with fifty-one colored plates by Isaac Sprague.
Boston, 1886. Brandlee Whidden, 205 p., illus., col. pl. 34 cm. cl.

Gray, Asa

Manual of the botany of the western United States; revised edition including Virginia, Kentucky, and all east of the Mississippi; arranged according to the natural system. . .with six plates illustrating the genera of ferns.
Chicago, 1859. S. C. Griggs & co., xxiv&606 p., plates. 22 cm. ½ lea.

Hosack, David

Hortus Elginensis: or a catalogue of plants, indigenous and exotic, cultivated in the Elgin Botanic Garden, in the vicinity of the city of New York established in 1801. ed. 2 enl.
New York, 1811. T. & J. Swords, printer to faculty of physic of Columbia College, 60 p. 23 cm. pa. rebound in buckram.
Gives scientific, and English or common names, origin, use, culture, and duration, in brief. English Index.

Linnaeus, Carolus

Systema Vegetabilium; editio decima sexta, curante Curtio Sprengel, equite stellae polaris et aquilae rubrae, Prof. Med. et rei herb. in Univers. Hal. 5 v.
Gottingae, 1825-1828. Sumtibus Librariae Dieterichianae, 5 v. 21 cm. ½ lea.
vol. 5 has an index to the whole.
A portrait of Linnaeus appears in Thornton's Botanical Extracts.

Loudon, John Claudius, ed.

Loudon's encyclopaedia of plants; comprising the specific character, description, culture, history, application in the arts, and every other desirable particular respecting all the plants indigenous to, cultivated in, or introduced into Britain. New ed., corr. to the present time. Edited by Mrs. Loudon; assisted by George Don, F. L. S.; and David Wooster. . .
London, 1855. Longman, Brown, Green, and Longman, 2 vols., illus. 22 cm., very fine blind-tooled calf gilt edge and back.

Meehan, Thomas

Native flowers and ferns of the United States in their botanical, horticultural, and popular aspects. 2 vols.
Boston, c1878. L. Prang & co., 2 v., illus., col. pl. 27½ cm. ¾ lea. gilt back.

Meehan, Thomas

Native flowers and ferns of the United States in their botanical, horticultural, and popular aspects. Second series, 2 v.
Boston, c1880. L. Prang & co., 2 v., illus., col, pl. 27½ cm. ¾ lea.

Missouri botanical garden

Reports, 1890-1912. 25 cm. cl.
Reports on botanic garden and School of Botany of Washington University of St. Louis, established by Henry Shaw.

Moore, Charles

Handbook of the flora of New South Wales: a description of the flowering plants and ferns indigenous to New South Wales; by Charles Moore. . .assisted by Ernest Betche.
Sydney, 1893. Charles Potter, govt. printer, 39&582 p. 25 cm. cl.
A scientific work, but there is a good glossary for the help of the amateur. Technical index.

Nuttall, Thomas

The genera of North American plants, and a catalogue of the species, to the year 1817.
Philadelphia, 1818. Heartt, 2 v. 20 cm. bds.
Hand-made paper. Unopened. First edition.

Plants of America

Amerikanische gewachse nach Linneischer Ordnung.
101 bis 150 201-250.
Nurnberg, 1786-88. auf Kosten der Raspischen Buchhandlung. 3 v., col. pl. 21 cm. old calf, gilt back.
vol. 1 missing. Hand-colored plates, preceded by explanations of the classification.

The Philippine journal of science; edited by Paul C. Freer. . .and Richard P. Strong, etc., v. IV, 1-6.
Manila, 1909. Bureau of Science, v. IV, 1-6. 26½ cm. cl.
Scientific descriptions of Philippine botany.

Pliny

Historae naturalis Libri xxxvi; Quos interpretatione et notis illustravit Joannes Harduinus e societa te Jesu, jusso regis christianissimi Hudovic Magni, in usum serenissimi delphin. Editio altera emendatior et auctior. Tomes III.
Paris, 1723. Antoine Urbain Coustellier, 3 v., pl. 45 cm. lea.
"Very correct and accurate Delphin text." Fine large paper copy. Map of the Earthly Paradise. Pl. at end of vol. 3, coins of Greece & Rome. Pliny Translation of the natural history of Pliny the Younger; consisting of the first six books, treating of the world and its parts; by John Jefferys.
In manuscript, 1773. Vol. 1, 778 p. 30 cm. ½ ve'lum.

Purton, Thomas

A botanical description of British plants in the midland counties. . . to which is prefixed a short introduction to the study of botany and to the knowledge of the principal natural orders. 2 v.
Stratford-upon-Avon, 1817. J. Ward, 2 v., col. pl. 19 cm. ¾ lea.
The whole comprises a set with Purton's Appendix to the Midland Flora, 3 v. in 4 parts, of which this is v. 1-2.

Purton, Thomas

An Appendix to the Midland Flora; comprising also corrections and additions referring to the two former volumes; and occasional observations tending to elucidate the study of the British fungi; concluding with a generic and specific index to the whole work, and a general index of synonyms; in two parts, by Thomas Purton, F. L. S.; member of the Royal College of Surgeons; embellished with thirty colored engravings. 1 v. in 2.
London, 1821. Printed by R. & A. Taylot and sold by Longman, Hurst, Rees, etc. 1 v. in 2. 19 cm. ¾ lea.
Comprises 3rd v. (in 2pts.) of set of which Purton's A Botanical Description. . .forms v. 1-2.
A valuable set. The author's letter presenting it to William Baxter of the Oxford Botanical Garden is bound in with the first part.

Rousseau, Jean Jacques

Letters on the elements of botany, addressed to a lady. . .trans. into English, with notes, and twenty-four additional letters, fully explaining the system of Linnaeus, by Thomas Martyn. ed. 6 corr. & impr.
London, 1802. J. White, xxiv&503 p. 21 cm. calf, gilt back.

Thornton, Robert John

Botanical extracts: or, Philosophy of Botany.

London, 1799-1810. Printed by T. Bensley for White, Johnson & co., 3 v., illus. engr. front; & ports. 49 cm. ¾ calf.

Title page of v. 3 reads "Elementary botanical plates. . .particularly intended to illustrate Botanical Extracts; or, The philosophy of botany." v. 3 contains, besides many botanic plates, several engravings by well-known engravers, after famous artists of the day, on general subjects. Among these "An angel of God revealing the plans of Providence to St. John in the Island of Patmos" by Dunkarton, Jr. after Guercino, and "Cupid, Flora, Ceres, and Esculapius honoring the bust of Linnaeus" by Ridley after Russell and Opie (frontspiece) are notable. The "Portrait of her majesty Queen Charlotte" by Bartolozzi after Beechy appears opposite an elaborately engraved page dedicating the volume to her. The following portraits, showing remarkably fine work, appear abouve illustrations of places or events connected with the scientific work of each man portrayed.

Millington	Milne	Darwin, Erasmus
Grew	Bonnet	de Lamarck
Tournefort	Withering	de Jussieu
Ray	Curtis	Shaw
Vaillant	Earl of Bute	Woodville
Linnaeus	Martyn	Townsend
Rousseau	Smith, Jones Edw.	Jackson
Hill	Lambert	Thornton
Hales	Rutherford	(the author)

Title on backs is Thornton's Philosophy of Botany.

Thornton, Robert John

The British flora; or, Genera and species of British plants; arranged after the reformed sexual system; and illustrated by numerous tables and dissections. 3 v.

London, 1812. Printed for author by J. Whiting (5 v. in 1, text) & (v. 2&3 illus. & col. pl.) 26 cm. ¾ lea. rebound.

A "reformed scheme" of the Linnaean system.

Thornton, Robert John

A new illustration of the sexual system of Linnaeus.

London, 1799-1807, unpaged. engr. front. & 2 explanatory pages of engraved text at end. 49 cm. ¾ calf.

Fine large paper edition. Magnificent engravings of plants, flowers, and structure plants.

Diagrams and details illustrative of the Linnaean system. 2 extra title pages near back of volume, one entitled "The Philosophy of botany" and the other "The genera of exotic and indigenous plants that are to be met with in Great Britain arranged according to the reformed system." The only type used is that on the half-title pages preceding and naming each class illustrated. 2 double-page engravings of "Gathering tea" by Sutherland after Sang-so, and "Taching, or firing, of tea" by Sutherland after Wo-siong. The frontspiece is an engraving of "Cupid inspiring plants with love" by Bartolozzi and Landseer after Reinagle. Main title-page (A new illustration) bears inscription Vol. IV, and the binding entitles it "Thornton's philosophy of botany, Vol. IV."

The paper and the engraving are remarkable in quality.

Waterhouse, Benjamin

The Botanist; being the botanical part of a course of lectures on natural history, delivered in the university of Cambridge; together with a discourse on the principle of vitality.

Boston, 1811. Joseph T. Buckingham, 263 p. 21½ cm. lea.

Taken from the first lectures of any importance given on natural history in the United States. They were delivered in 1788, and published in the Monthly Anthology, Boston, 1804. The author was an authority on his subject, being a member of many learned societies both in America and abroad, and during the time of delivering them held the professorship of Theory and Practice of Physic in the University of Cambridge. It was from

the interest aroused in the subject by Dr. Waterhouse's lectures that the professorship of Natural History was created and the Botanical Garden established (about 1796). The Commonwealth of Massachusetts gave two townships of land toward their support, and about 35,000 dollars was subscribed by individuals. The dedication is to John Adams, whose interest was of great help.

Watt, George

A dictionary of the economic products of India; by George Watt, M. B., C. M., F. L. S., Professor, Bengal educational department, on special duty with the government of India, department of revenue and agriculture; assisted by numerous contributors. 6 v. in 9 & index.

Calcutta, 1889-1896. Supt. of govt. ptg., 6 v. in 9 & index. 25 cm. ¾ lea.

Gives copious information on herbs and drugs. Treats orange-culture quite fully.

THE SILVAS

"The breaking waves dashed high
On a stern and rock-bound coast,
And the woods, against a stormy sky,
Their giant branches tossed;

And the heavy night hung dark
The hills and waters o'er
When a band of exiles moored their bark
On the wild New England shore. . .

Amidst the storm, they sang,
And the stars heard, and the sea;
And the sounding aisles of the dim woods rang
To the anthem of the free!

The ocean-eagle soared
From his nest by the white wave's foam,
And the rocking pines of the forest roared;
This was their welcome home!"

—Felicia Hemans.

Browne, D. J.

Sylva Americana; or a description of the forest trees indigenous to the United States, practically and botanically considered. ed. 1. Boston, 1832. William Hyde & co., 395 p., illus. 23½ cm. cl.

Part 1, Vegetable physiology; Part 2, Dendrology; Part 3, Arbori-culture. Appendix contains a table showing results of experiments made to determine the comparative value as fuel of a large variety of woods; a glossary; an index divided into 3 parts to correspond with the divisions of the book, part 2 of which contains Latin-English, English-Latin, and Provincial names of woods and trees. Part 1, on vegetable physiology, is a very useful and simple treatment of the subject.

Browne, D. J.

The trees of America; native and foreign, pictorially and botanically delineated, and scientifically and popularly described. . .illustrated by numerous engravings.

New York, 1857 (c1846) Harper, xii&520 p, illus. 25 cm. cl.

Classification according to the natural system (used in Miller and in Loudon.)

Cooper, C. S.

Trees and shrubs of the British Isles native and acclimatised; by C. S. Cooper, F. R. H. S. and W. Percival Westell, F. L. S.; sixteen full-page coloured plates and 70 full-page black and white plates drawn direct from nature by C. F. Newall.
London, 1909. Dent.
New York, 1909. Dutton, 2 v., illus., col. pl. 31 cm. cl.

Deals largely with insect pests. Has lists of "trees and shrubs for certain soils and situations."

Eastwood, Alice

A handbook of the trees of California (Occasional papers of the California Academy of Sciences IX)
San Francisco, 1905. Pub. by the society, 86p. incl. index & glossary. 19 cm. limp lea.

The plates used in this work were destroyed in the San Francisco fire in 1906, and it is out of print in consequence.

Evelyn, John

Sylva, or a Discourse of Forest-Trees, and the Propagation of Timber in His Majesties Dominions, by J. E., Esq.; As it was Deliver'd in the Royal Society the xvth of October, CICICCLXII upon Occasion of certain Quaeries Propounded to that Illustrious Assembly, by the Honorable the Principal Officers, and Commissioners of the Navy; to which is annexed Pomona, or, an Appendix concerning Fruit-Trees in relation to Cider; the Making and several ways of Ordering it. Published by express Order of the Royal Society; also Kalendarium Hortense; or, Gard'ners Almanac; Directing what he is to do Monethly throughout the Year.
London, 1664. Martyn and Allestry, printers to the Society, 120& 83p., illus. 30 cm. lea.

Title-page and Kalendarium in two colors. part of p. 83 missing. Evelyn's Sylva is the foundation book on forest-trees.

Evelyn, John

Silva; or, a discourse of forest-trees, and the Propagation of Timber in his Majesty's Dominions: As it was delivered in the Royal Society on the 15th Day of October, 1662, Upon Occasion of certain Quaeries propounded to that illustrious Assembly, by the Honourable the Principal Officers and Commissioners of the Navy; together with An Historical Account of the Sacredness and Use of Standing Groves, by John Evelyn, Esq; Fellow of the Royal Society. With Notes by A. Hunter, M. D., F. R. S.
York, 1776. Printed by A. Ward, 647 p. 31 cm. Russia, gilt back.

Evelyn's Terra bound with this.
Frontspiece is engraved portrait of John Evelyn, 1620-1706, done by F. Bartolozzi. 39 beautifully engraved plates of forest trees. Subscription edition containing list of subscribers which includes many representative men of the day, and the Library of South Carolina—did it get its copy? A Life of Evelyn and copious notes which bring the numerous former editions up to date, of publication, are added.
A very choice copy, with armorial book-plate of Patrick Chalmers of Auldbar.

Evelyn, John

Sylva; or a discourse of forest trees: by John Evelyn F. R. S. with an essay on the life and works of the author by John Nisbet D. A. E. C. A reprint of the fourth edition in 2 vols.
London, n. d. Arthur Doubleday, 2 vols. 26 cm. cl

Type reproduction of title-page and dedications to the King and to the Reader, of 1706 edition, in 2 colors.

Forsyth, William

For his notes on tree-surgery, see under Fruit.

Forsyth, William
A Treatise on culture and management of Fruit-Trees.

Fuller, Andrew S.
Practical forestry; a treatise on the propagation, planting, and cultivation, with a description, and the botanical and popular names of all the indigenous trees of the United States, both evergreen and deciduous, with notes on a large number of the most valuable exotic species.
New York, 1889. Orange Judd, 284 p., illus. 19½ cm. cl.
A very good treatment of the subject by an enthusiastic tree-conservationist.

Harding, J. D.
Lessons on trees. ed. 10
London, n. d. W. Kent & co., unpaged. plates. 38 cm. cl.
Lessons on tree-drawing in chalk or pencil with illustrative plates.

Hey, Mrs. William
The spirit of the woods, illustrated by coloured engravings, by the author of "The moral of flowers"
London, 1837? Printed for Longman, Rees Orme, etc. xvi&306 p., col. pl. 25 cm. ¾ lea.
Original poetry and poetic quotations as well as historical and legendary notes in regard to the trees especially of Great Britain. Non-scientific. Many beautifully-colored engravings of tree-branches.

Hough, Romeyn Beck
The American woods, exhibited by actual specimens and with copious explanatory text. ed. 2.
Lowville, N. Y., 1893. Pub. and sections prepared by the author. vol. 1-8 illus. 23 cm. cl.
8 cases containing printed text and cards framing wood-sections.
Each vol. or case contains transverse, radial, and tangential sections of 25 woods, with generic and specific names followed by common English, German, French, and Spanish. Vol. 1 has a full description of characters of flowers leaves, fruit, etc. and Vol. 8 has a key by which any tree described in Vols. 1-8 may be found by the characteristics of any one of these, while each volume has a list of, key to, and text descriptive of its own contents.
A very useful and valuable work.

Jepson, Willis Lynn
The silva of California.
Berkeley, 1910. The University press. 480 p., illus. 34 cm. cl.
The standard California silva.

Kinney, Albert
Eucalyptus.
Los Angeles, 1895. B. R. Baumgardt & co., 298 p., tables plates. 24 cm. ¾ lea.
Deals especially with the eucalyptus of California.

Laslett, Thomas
Timber and timber-trees, native and foreign; by Thomas Laslett, timber inspector to the admiralty.
London, 1875. Macmillan, 343 p., illus. 20 cm. cl.

List of specimens of Indian woods sent to the Melbourne exhibition of 1880.
Darjeeling, 1880. Govt. central press, 17 p. 24½ cm. ¾ lea.
Does not include woods of the Punjab. Gives most important Indian woods,—those exported, suitable for export, and of domestic value.

Loudon, John Claudius

Arboretum et fruticetum Britannicum; or, the trees and shrubs of Britain, native and foreign, hardy and half-hardy, pictorially and botanically delineated, and scientifically and popularly described; with their propagation, culture, management, and uses in the arts, in useful and ornamental plantations, and in landscape gardening; preceded by a historical and geographical outline of the trees and shrubs of temper-climates throughout the world; by J. C. Loudon, F. L. and H. S. etc., author of the encyclopaedias of gardening and of agriculture; in eight volumes. ed. 2

London, 1844. Sold by Longman, etc. 8 v., illus. 23 cm. cl. (some rebound)

Library also has ed. 2, 1854. Very fine copy.

London, 1854. Bohn, 8 v., illus., hand col. pl. 23 cm. ¾ lea. gold back. v. 1-4, illustrated text. v. 5-8 plates. Each vol. has individual contents and index and vol. 4 has a general index.

One of the authorities, and a valuable work.

Lowe, John

The yew-trees of Great Britain and Ireland.

London, 1897. Macmilan, xiv&264 p., pl. 24 cm. cl.

The history, uses ancient and modern, and place in literature of the yew-tree.

"What of the bow?
The bow was made in England;
Of true wood, of yew wood,
The wood of English bows;
So men who are free
Love the old yew-tree,
And the land where the yew-tree grows."

A. Conan Doyle.

Massachusetts commissioners on the zoological and botanical survey of the state.

A report on the trees and shrubs growing naturally in the forests of Massachusetts.

Boston, 1846. Dutton & Wentworth, xv & 534 p., 17 pl. 24 cm. ¾ lea. gold back.

Report made by George B. Emerson. Arranged according to the natural order. Very fine leaf-and-fruit plates.

Michaux, Francois Andre

The North American Sylva; or, description of the Forest Trees of the United States, Canada, and Nova Scotia; considered particularly with respect to their use in the arts and their introduction into Commerce; to which is added a description of the most useful of the European forest trees. Illustrated by 156 colored engravings. Translated from the French of F. Andrew Michaux. . .with notes by J. Jay Smith 5 v.

Philadelphia, 1857-59. D. Rice and A. N. Hart, 5 v., col. pl. 27½ cm. ¾ lea. gold edge & back

vol. 1-3 trans. by Augustus L. Hillhouse. vols. 4-5 have title: "The North American Sylva: or, A description of the forest trees. . .not described in the work of F. Andrew Michaux. . . By Thomas Nuttall."

Michaux, Francois Andre, and Nuttall, Thomas

The North American Sylva. 5 v.

Philadelphia, 1857-59. D. Rice & A. N. Hart, 5 v., illus. 27½ cm. ¾ lea. gold edge & back.

Nuttall, Thomas

The North American Sylva; or a description of the Forest Trees

of North America not described in the work of F. Andrew Michaux. Illustrated by 121 colored plates. 2 v., comprising vol. 4, 5 of North America Sylva.
Philadelphia, 1857. D. Rice and A. N. Hart, 2v., col. pl. 27½ cm. ¾ lea. gold edge & back.
The Sylva of Nuttall and Michaux is a very important work and ranked first among those preceding the Silva of Sargent.

Sargent, Charles Sprague
Manual of the trees of North America (exclusive of Mexico). . . with 644 illustrations from drawing by Charles Edward Faxon.
Boston, 1905. Houghton, xxiii&818 p, illus. 22½ cm. cl.
Synopsis and analytical key to the families.

Sargent, Charles Sprague
Silva of North America; a description of the trees which grow naturally in North America exclusive of Mexico, by Charles Sprague Sargent, director of Arnold Arboretum of Harvard University; illustrated with figures and analyses drawn from nature by Charles Edward Faxon and engraved by Philibert and Eugene Picart.
Boston, 1892-1902. Houghton, 14 vols., illus. 38 cm. bds.
vol. 14 contains index to all volumes, including popular as well as scientific names. The text is written with a view to bringing the information to the general public as clearly as to the botanist. The engravings are magnificently executed and the paper, printing, and binding of the books are remarkably fine.
The authoritative silva.

Schacht, Hermann
Les arbres; etudes sur leur structure et leur végétation. . .Tr. d'après la 2me éd. allemande par Edouard Morren . . . Ouvrage publié sous les auspices de feu M. le Bon Al. de Humboldt. 2 ed. augm. de 10 gravures sur acier. Illustrée de plus de 505 gravures sur bois, ainsi que de 5 planchées lithographies représantant ensemble 550 subjects.
Brussels, 1864. C. Muquardt, xi&448 p., illus., 14 pl. 25 cm. ½ lea.
Very fine engravings on heavy paper, showing forest trees in natural settings, and numerous engravings in the text as well as 4 fine lithographic plates illustrating structure and growth in detail. In the translator's preface von Humboldt is quoted as referring to Schacht as the modern Pliny. A key to the plates illustrating details of principal German forest-trees is given, as is also a German-French vocabulary of scientific and technical terms used in the book.
Forestry and reforestation are important subjects treated.

Mitchell, Donald Grant
Wet days at Edgewood with old farmers, old gardeners, and old pastorals, by the author of "My farm of Edgewood."
New York, 1883. Scribner, xii&324p., plans, 19 cm.

Contains good accounts of the ancient writers on agriculture.

Two important books added since Miss Bailey compiled these lists are noted here:

Cato, Marcus Porcius

Roman farm management; the treatises of Cato and Varro done into English, with notes of modern instances, by a Virginia farmer. N. Y., 1918. Macmillan, xii&365p. 20 cm.

Contents—Note upon the Roman agronomists.—Note on the obligation of Virgil to Varro.—Cato's De agricultura.—Varro's Rerum rusticarum libri tres.

Columella, Lucius Junius Moderatus

Of husbandry in twelve books: and his Book concerning trees. Tr. into English, with several illustrations from Pliny, Cato, Varro, Palladius, and other antient and modern authors.
London, 1745. Printed for A. Millar, xiv&660&8p. 26 cm. calf.

Columella's treatise was first set forth about 54 A. D.
The English edition given in Lowndes is the same as our copy 1745.

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